Contents

Checking Out
Your Notebook

Keyboard and LCD Panel

Component	Icon	Description
A. System status indicators (LEDs)		LED lights that indicate the status of various system functions. See "System Status Indicators (LEDs)" on Page 4.
B. EZ Pad™ Plus pointing device with scroll switch		Controls the cursor movement on the screen.
C. Mouse buttons and rocker switch for scrolling capability		Use the left mouse button for left-click functionality. Use the right mouse button for right-click functionality. The rocker switch provides scrolling capability in software applications that support it.

Component	Icon	Description
D. Modular option bay		Accepts the following devices: CD-ROM drive, DVD drive, diskette drive, or LS-120 drive. The devices shipped with your system depend on your customized order.
E. Built-in speakers		Provides high-quality stereo sound reproduction for software and audio CDs.
F. Power button	⏻	Press to turn power ON or OFF. Can also be configured to Suspend/Resume mode.
G. Color Liquid Crystal Display (LCD)		Backlit anti-glare screen.

System Status Indicators (LEDs)

Indicator	Description
A. Power indicator	Indicates that the system is on. **Green** means the central processing unit on the system board (CPU) is being used. **Flashing green** means the system is in suspend mode. **Yellow** mean the CPU utilization is low. **Red** means a problem with the CPU. A red LED is highly unusual. If it remains red after restarting the system, contact technical support.
B. Hard drive	Indicates that the hard drive is in use.
C. Modular option bay access indicator	Indicates that the device installed in the modular option bay is in use.
D. Caps lock	Indicates that the caps lock is on. When the caps lock light is on, you type in all capital letters.
E. Pad lock	Indicates that the pad lock is on. See "Pad lock keys" on Page 19.
F. Scroll lock	Indicates that the scroll lock is on.
G. Battery charge indicator	This indicator has four modes of indication: **Green** means the battery is fully charged. **Yellow** indicates the battery is charging. **Red** indicates a battery charging problem. **No LED** means the AC adapter is not connected.

Back
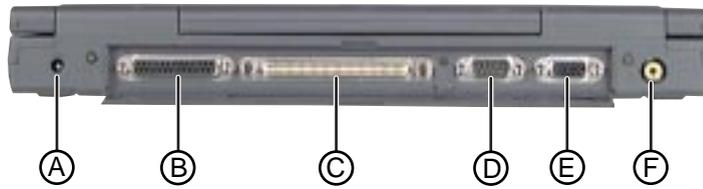
Port	Icon	Description
A. Power connector		Connect the AC power adapter to this port.
B. Parallel port (LPT1)		Connect a parallel port device such as a printer to this port.
C. Docking port		Connect a docking station to this port.
D. Serial port		Connect a serial device to this port.
E. VGA port		Connect a VGA monitor cable to this port.
F. Composite video out		Connect a cable from this port to a Video In connector on an external video device such as a TV or VCR to display the notebook screen on the external video device.

Right Side

Component	Icon	Description
A. Fast IR (Infra-red) port		Supports an optional external infrared device such as a printer.
B. Reset switch		Restarts the notebook if necessary. Insert a paper clip to press switch.
C. PS/2 port		Connect a keyboard, mouse, numeric key-pad, or other external device to this port.

Left Side
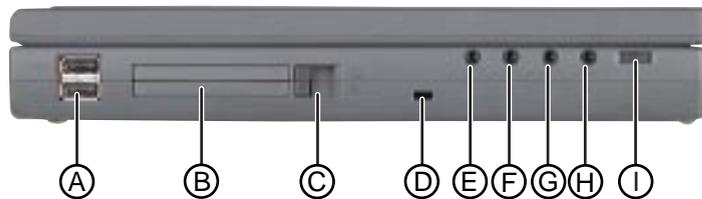
Component	Icon	Description
A. USB (Universal Serial Bus) ports		Plug USB supported devices into these ports.

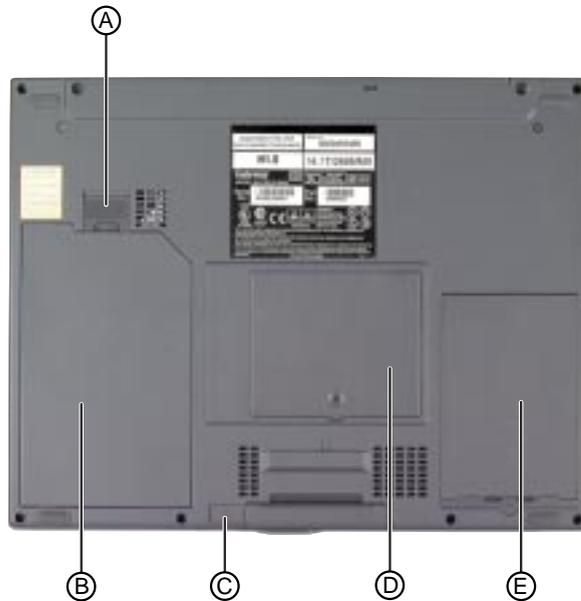| Component	Icon	Description
B. PC Card slots		Accepts two Type I or Type II PC Cards or one Type III PC Card. Install Type III PC Card in the bottom slot. Install one Zoomed Video card in either slot.
C. PC Card eject buttons		Push in to eject the PC Card. If the button is in the stored position, fold it out and press to eject the PC Card.
D. Kensington lock slot		Attach Kensington lock into this slot.
E. Mic in		Connect an external microphone to this port to record audio. (1/8-inch/3.5 mm jack.)
F. Line in		Connect an external audio input source (computer, stereo, VCR, etc.) to this port to record or play audio through the notebook speakers (1/8-inch/3.5 mm jack.)
G. Line out		Connect amplified speakers to this port to play audio from the notebook (1/8-inch/3.5 mm jack.)
H. Speaker out/ Headphone jack		Connect external speakers or headphones to this port. Supports small unamplified speakers. (1/8-inch/3.5 mm jack.)
I. Volume wheel		Adjust built-in speaker volume, external speaker, and headphone volume. Other port volume levels are controlled by multimedia software.

Bottom

Component	Icon	Description
A. Battery release latch		Slide the latch to release the battery pack from the battery pack bay.
B. Battery pack bay		Slide a battery pack into bay for battery power and battery charging.
C. Modular option bay release latch		Slide the latch to release the modular option device so it can be swapped.
D. Memory bay		Open the memory bay cover to install/ remove SO-DIMM memory modules.
E. Hard drive bay		Contains the hard drive assembly.

2

Getting
Started

Installing the battery pack

Your notebook is powered by a long-lasting battery, shipped to you partially charged. When you first get started, you may want to use the AC adapter to fully charge the battery and provide a constant supply of power while you are checking out some of the notebook features.

If your battery is not installed, you need to install the battery pack and charge it. You can charge the battery:

♦ When you are using your notebook with the AC adapter

♦ When the system is attached to AC power and in standby or suspend mode

♦ When the system is attached to AC power and the system is turned off

The notebook can run on a fully charged battery for approximately 3.5 hours. Use the battery gauge icon in the taskbar to track the available battery power. See "Monitoring the battery status" on Page 49 to learn more about tracking battery status.

Battery life is affected by how much you use the system components such as the hard drive, CD-ROM drive, and LCD display, in addition to other components such as PC Cards. Other factors such as the power management settings also affect battery life. See Chapter 4, "Managing Power Use" for more information about power management and monitoring the battery status.

● *Note:*

Battery life varies depending on configuration, power management settings, and features used.

To install the battery pack

1. Turn the notebook over.

2. Place the battery pack into the battery bay, pushing downward until it snaps into place.

Connecting the AC power

Your AC adapter comes in two parts: the power cord and the AC power
adapter.

To connect the AC adapter

1. Connect the power cord to the AC power adapter.

2. Plug the AC power adapter into the notebook power connector on the left side at the back of the notebook.

3. Plug the power cord into an electrical outlet.

Starting up your notebook

Once the battery is installed and the AC power adapter is plugged in, you are ready to start up your notebook.

1. Press in on the LCD panel latch to release and open the LCD panel.

2. Tilt the LCD panel to adjust for the proper viewing angle.

3. Press the power button.
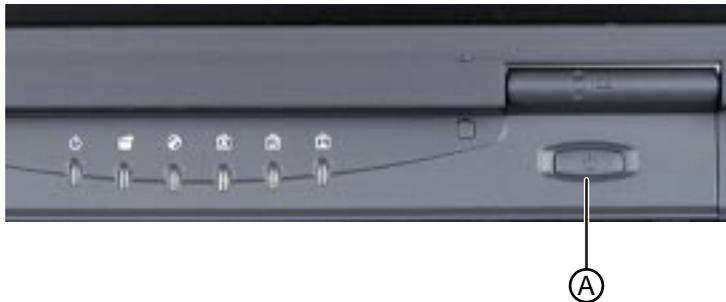
The power button is preset to On/Off mode. You can set it to function either in On/Off or Standby/Resume mode using the BIOS setup program. See "Modifying the power button mode" on Page 56 for more information about changing power button modes.

4. Press FN+↑ or FN+↓ to change display brightness. Press the arrow key repeatedly to get the desired brightness.

Using Your Notebook

Using the keyboard

Your notebook features a full-size keyboard that has the full functionality of a desktop computer keyboard. Many of the keys have been assigned alternate functions, including shortcut keys for Windows 98, function keys for system operations, and pad lock keys for the numeric keypad.

Key	Action
A. Fn (function) Combination keys	Press FN key plus one of the Fn Combination keys (blue) to perform a function. For example, FN+F2 shows the Pop-up status display.
B. Fn (function) keys	Press FN key plus another Fn Combination key (such as F2, F3, F4, etc.) to perform a specific function.
C. Windows logo key	Press to activate the Windows **Start** button menu.
D. Numeric keypad	Press FN+F9 to activate the numeric keypad.

Function keys

Press the FN key together with one of the following keys (with blue letters) to get these "on-the-fly" functions:

Key Combination Fn +	Description
F2 Status	Displays the power status display for the Pop-up Status Display program in the upper left corner of the desktop. Press the key combination again to make the display disappear. See "Pop-up status display" on Page 49.
F3 LCD/CRT	Toggles between the LCD display, external monitor, both displays at the same time, or TV display (NTSC or PAL format) as the active display. See "Using the video system" on Page 20.
F4 Standby	Places the system in Standby mode. See "Using Suspend mode in Windows 95 and Windows NT" on Page 55 for more information about the Standby mode.
F9 Pad Lock	Enables the Pad Lock function so you can use the numeric keypad. The Pad Lock LED stays lit while this function is enabled. Press the key combination again to disable Pad Lock.
F10 Scroll Lock	In some programs you can scroll through large volumes of text. The Scroll Lock LED stays lit as long as this function is enabled.
F11 Pause	In some programs this key combination pauses the display when text is scrolling very quickly. Press any key to continue the text flow.

| Key Combination Fn +	Description
F12 Break	In some programs this key combination pauses scrolling text in a DOS screen.
Home PrtScrn	Prints the screen if a printer is connected to your note-book (DOS only). In Windows, this key combination puts the screen content into the clipboard. You can then paste it into a program such as Paint to display or print it.
End SysRq	SysRq (System Request) is reserved for certain applications such as in some DOS programs.
↑	Increases LCD brightness.
↓	Decreases LCD brightness.

Special keys

The following keys help you use shortcuts when working with some software:

Key	Description
	Use this key to display the Windows Start menu.
	Use this key to provide quick access to application shortcut menus and help assistants in Windows.

Pad lock keys

Press FN+F9 (PAD LOCK) keys to activate the keypad. The keypad section of the keyboard will function like a numeric keypad. Press FN+F9 to put the keyboard back into standard mode.
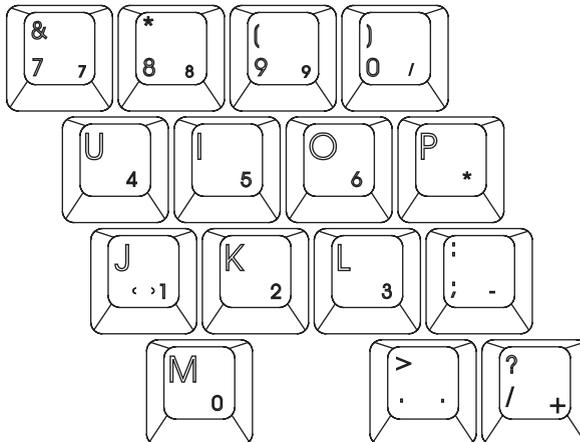
Using the video system

Your notebook features a built-in, backlit, color liquid crystal display (LCD). The LCD uses a thin-film transistor (TFT) technology that provides sharp resolution and brilliant colors. See the table below for the resolution your configuration provides:

Setting	14.1 TFT
Maximum resolution setting (pixel column x pixel row)	1024 x 768
Maximum color depth setting	24-bit

In addition to using your LCD panel for display, you can also attach an external monitor for presentations and other multimedia purposes. See the next sections to learn about setting up external displays.

Setting up the composite video out port

The composite video out port lets you view your notebook's display on a TV screen or record to a VCR. This option is typically used with large-screen TVs to give presentations and for other multimedia needs.

● *Note:*

TV screen display resolution will not be as clear as an external monitor because of the TV screen display limitations.

To setup and connect the computer to a TV or VCR

1. Click **Start**, **Settings**, then **Control Panel**. Double-click the **Display** icon and click the **Settings** tab in the **Display Properties** window.

2. Change the desktop area (display resolution) by sliding the **Desktop area** slider to adjust pixel resolution to **640 x 480**.

3. Change the font size to **Large Font**.

4. Click **Apply,** then **OK**. Windows changes the display settings.

5. Next, connect one end of a video cable to the composite video (TV) out port on the left side of the notebook and the other end to the video in connector on the television or VCR.

6. Press FN+F3 to change the active display to LCD display, external monitor, or both displays at the same time as the active display.

Setting up an external computer monitor

You can connect an external computer monitor to your notebook through the VGA port on the back of your notebook. If you are using an optional docking station, you can also connect an external computer monitor to the docking station VGA port.

To connect the computer to an external monitor

1. Connect one end of a VGA cable to the VGA port on the back of the notebook and the other end to the video connector on the monitor.

2. Press FN+F3 to change the active display from LCD only, to LCD and monitor, or monitor only. Continue changing the display options until you get the desired display.

Depending upon the external monitor you are using, you may have to lower the video resolution to 640 x 480. Refer to your monitor manual for its display resolution capabilities.

To change the display resolution for an external monitor

1. Right-click the **Monitor** icon in the taskbar tray (right bottom corner).

2. Select the desired resolution. The screen resolution changes.

If the **Monitor** icon does not appear on the taskbar and you want to have it appear there, follow these steps:

1. Right-click on the desktop, and select **Properties** from the menu.

   The Display Properties dialog box opens.

2. Click the **Settings** tab.

3. Click **Show settings icon on taskbar**.

   The **Monitor** icon appears in the status area of the taskbar.

Using the EZ Pad Plus Touchpad

Like a mouse, the EZ Pad Plus touchpad controls the cursor movements on the display. You can scroll, zoom, autoscroll, and pan using the rocker switch between the mouse buttons. Scrolling capabilities are available in some Windows applications, including Microsoft Office.

The EZ Pad Plus TouchPad provides you with fast and easy navigation in large documents, spreadsheets, e-mails, and on the Internet. The rocker switch, located between the mouse buttons, lets you scroll, zoom, autoscroll, and pan. Scrolling capabilities are available in some Windows applications, including Microsoft Office.
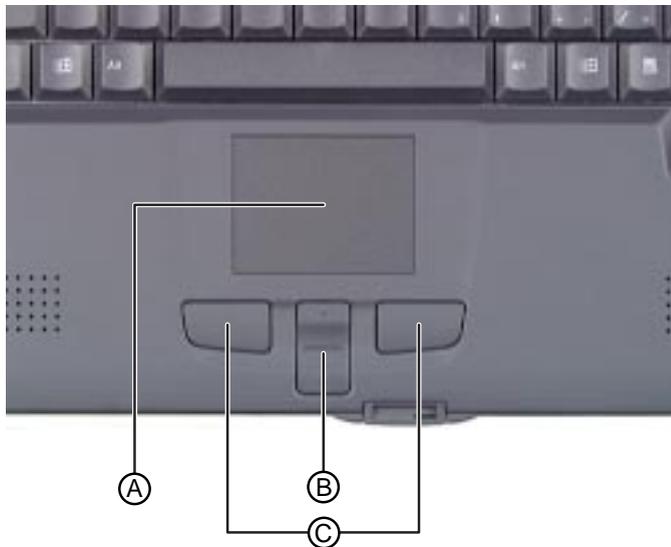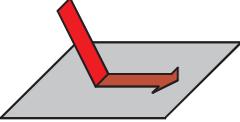

A. EZ Pad Plus (TouchPad)

B. EZ Pad Plus rocker switch

C. EZ Pad Plus buttons (mouse buttons)

To move the cursor, press a finger lightly against the touchpad, then slide it in the direction you want the cursor to move. Press the buttons or tap on the pad to select an object.

Mouse and TouchPad action equivalents

The basic mouse functions are illustrated and described in the following table. To right click, press the right mouse button instead of tapping.

Mouse Action	TouchPad Action
Move cursor	Slide finger
Left button double click	Double tap finger
Left button drag	Tap and drag

Mouse wheel and rocker switch equivalents

The following table describes using the rocker switch to perform wheel functions.

To...	Do this...
Scroll Up/Down	Press forward or backward on the rocker switch to scroll through documents.
Zoom in/out	Press and hold Ctrl as you apply pressure to the rocker switch.
Data zoom	Press and hold Shift as you rock the switch to jump to a hyperlink or return to previous Web sites using Internet Explorer or expand or collapse menu trees in Windows Explorer.
Autoscroll	Click both sides of the rocker switch and let go once. The document continues flowing until you use a keystroke, mouse click, or additional rocker action to quit scrolling.
Pan	Hold down both sides or the middle of the rocker switch and swipe your finger across the touchpad to scroll quickly, either vertically or horizontally. Break contact with the touchpad to quit scrolling.

Changing touchpad properties

Use the following instructions to change EZ Pad Plus properties such as button configuration, drag, edge motion, cursor configuration, and others.

To customize the Enhanced EZ Pad

1. Click **Start**, **Settings**, and **Control Panel**.

2. In the Control Panel window, double-click the **Mouse** icon.

3. In the Mouse Properties dialog box, click the tab of your choice to access and customize touchpad functions.

To find out more about using and customizing the touchpad, click the **Help** button in the Mouse Properties dialog box.

Using an external mouse or keyboard

You can attach an external mouse or keyboard to the notebook using the PS/2 port, the USB port, or the serial port. The optional docking stations also have ports for external connections.

It is not necessary to shut down the system to connect an external PS/2 mouse or keyboard.

If the touchpad driver does not support the external mouse, then refer to the mouse documentation and follow the installation instructions.

Using the audio

Your system provides 16-bit stereo audio with SoundBlaster Pro compatibility. You can record audio for presentations, attach voice messages to your e-mail, listen to audio CDs, and use it for many other multimedia applications. This section tells you more about using audio.

Adjusting the volume

There are many ways to adjust audio input and output on your Solo notebook computer. The Volume Control Wheel on the left side of the system controls the external and internal speaker volumes. The volume level for other ports is controlled by the multimedia software.

To adjust playback and recording volume levels

1. Click **Start**, **Settings** and **Control Panel**. Double click the **Multimedia** icon. The **Multimedia Properties** dialog box opens.

2. Click the **Audio** tab.

3. Set the **Playback** and **Recording** levels to your preference.

To adjust volume controls

1. Double-click the **Speaker** icon in the status area to open the **Volume Control** dialog box.

   A **Volume Control** dialog box opens.

2. Slide the various volume and balance controls to suit your listening requirements.

3. To customize the Volume Control dialog box, select **Properties** under the Options menu.

4. In the Properties dialog box, select the controls you want to be able to adjust in the Volume Control dialog box by clicking in the check box.

5. To view the advanced controls, make sure **Advanced Controls** is selected in the Properties Dialog box. The **Advanced** button is now displayed in the Volume Control dialog box.

6. Click the **Advanced** button to view and adjust advanced settings.

Making an Audio Recording

To make an audio recording, use the built-in microphone or connect an external microphone to the Mic port on the left side of your notebook.

To make an audio recording

1. Click **Start**, **Programs**, **Accessories**, **Multimedia**, then **Sound Recorder**. The Sound Recorder opens.

2. Click **Edit**, then **Audio Properties** to set or check record volume levels.

3. Click **OK**.

4. Click the ● (Record) button. Recording starts.

5. When you are finished recording, click the ■ (Stop) button.

6. Click **File**, then **Save As**.

7. Type a filename for the recording.

8. Click **Save**. The recording is saved.

Once you have finished recording, you can play it back using Media Player.

1. Click **Start**, **Programs**, **Accessories**, **Multimedia**, then **Media Player.** The Media Player opens.

2. Click **File**, then **Open**. The **Open** dialog box appears.

3. Select the file to play back.

4. Click **Open**.

5. To play the file, click ▶ (Play).

6. To stop the file, click ■ (Stop).

Using disc media

Your system has a CD-ROM drive or an optional DVD-ROM drive. This section describes some of the ways to use disc media for either drive.

<div style="background:#00008B;color:white;text-align:center;">To insert a disc</div>

1. Press the Eject button. The drive tray opens.

2. Insert the disc. Press down carefully on the disc to ensure that it snaps under the clips that holds the disc in the tray.

   Be sure to place the disc in the tray so that the label side is facing up. If the disc has two playable sides, place the disc so that the name of the side you want to play (A or B) is facing up.

3. Push the tray in until it clicks in the closed position.

Playing an audio disc

The CD-ROM drive accepts standard music CDs. You can play and control an audio CD using the CD Player application in Windows.

For information on playing DVD discs, see the documentation that shipped with your DVD-ROM drive.

<div style="background:blue;color:white;text-align:center">To play an audio CD</div>

1. Insert an audio CD. After a few seconds, the CD starts playing.

    If the CD did not auto-start, then click **Start**, **Programs**, **Accessories**, **Multimedia**, and **CD Player** to start the CD Player software.

2. Click the CD Player taskbar button to use the CD Player software.

3. Control audio play as desired. You can change tracks, view playing times, control volume, set preferences, define a play list, and even set the system to continuous or random play using this dialog box.

Swapping drive modules

Your notebook features a modular option bay located in the front panel of the notebook. This bay accepts a CD-ROM, DVD, diskette, or LS-120 drive module.

1. Close any open files and shut down your notebook.

2. Close the cover and turn your notebook over.

3. Locate the modular bay access latch. Slide and hold the latch open and use the grip near the front of the notebook to pull the drive module out of the notebook.

4. Turn your notebook back over.

5. Firmly push the drive module you are installing into the bay until the latch clicks into place and is firmly seated. If you don't hear the click, try it again.

6. Open the lid and press the power button to resume using your notebook.

Using the diskette disk drive externally

Your diskette drive module can be used as an internal or external drive. When used as an external drive, the diskette drive module can be used simultaneously with a CD-ROM/DVD/LS-120 drive module that is installed internally.

First, install the appropriate drive module into your notebook. Then, connect an external diskette drive module to the parallel port at the back of your notebook using the optional adapter cable.

It is not necessary to reboot the system for it to recognize the connection.

Swapping hard disk drives

You can remove the hard disk drive from your notebook to swap to a second hard disk drive.

If you decide to add a new hard disk drive, then use the documentation that comes with the hard disk drive to prepare the hard disk drive for use.

To swap the hard disk drive

1. Save all work.

2. Click **Start**, **Shut Down**, **Shut down your computer?**, then click **OK**.

3. Close the LCD lid.

4. Disconnect the AC power (if plugged into the notebook).

5. Remove the battery. See "To remove the battery pack" on Page 47 for instructions.

6. Turn your notebook over and locate the hard disk drive latch.

7. Unscrew the hard disk drive retaining screw.

8. Gently pry the hard disk drive latch up and out of the seated position. Slide the hard disk drive forward and lift it out of the hard disk drive tray.
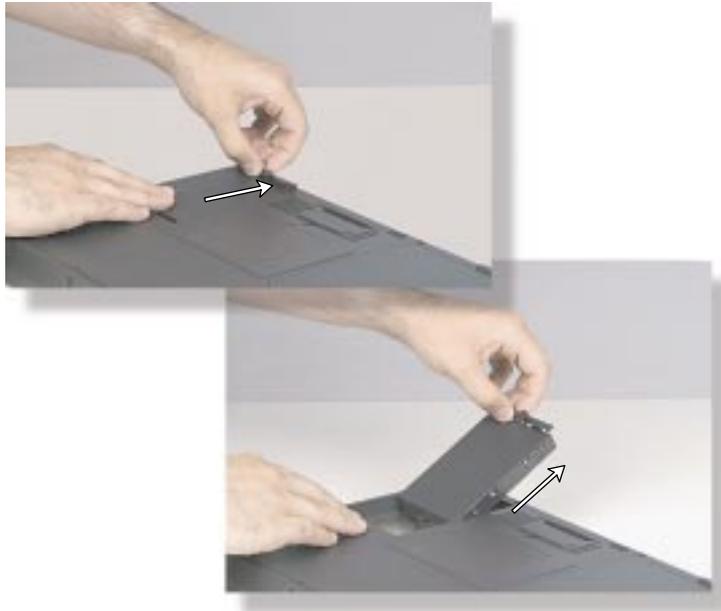
9. Place the new hard disk drive into the hard disk drive tray, sliding it back into position so that the connector plug is firmly seated into the drive's plug-in.
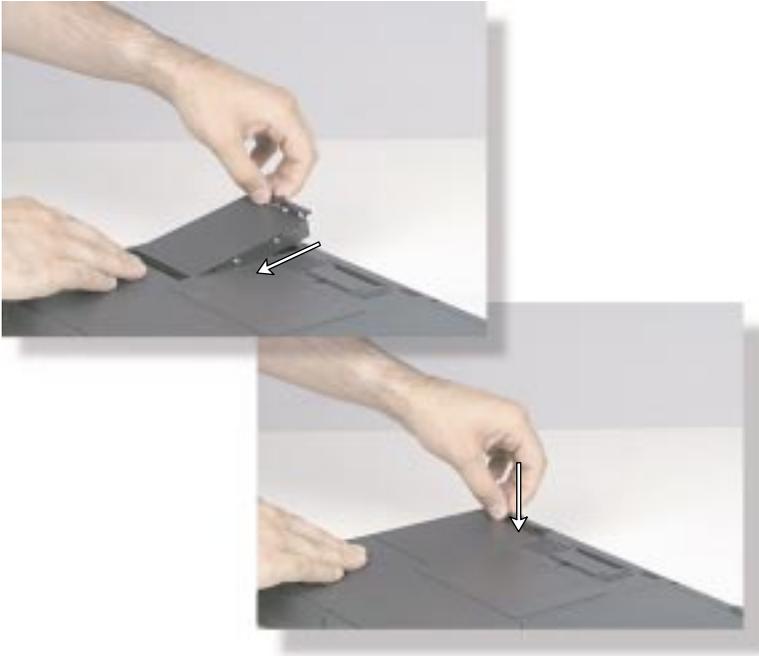
10. Seat the latch down into position and secure with the screw.

11. Turn the notebook over, reconnect the AC adapter, and replace the battery pack.

Using PC Cards

Your notebook's PC Card slots (also known as PCMCIA card slots) are located behind the PC Card doors on the left side of your notebook.

These slots accept two Type I or Type II PC Cards or Type III PC Card. Install Type III PC Card in the bottom slot. Install one Zoomed Video card in either slot.

Your notebook is configured to automatically accept most PC Cards.

To insert a PC Card

1. Insert the PC Card with the label face up. If you are using a Type III PC Card, it must be inserted into the bottom slot.

2. Slide the card firmly into the PC Card slot. When the card is installed correctly, the computer emits a two-toned beep.

When a card is installed, the eject button can be folded into the system to prevent breakage.

3. Follow the Windows Setup Wizard installation steps the first time you insert a PC Card. Operate the device as recommended in the PC Card manufacturer's manual.

To remove a PC Card

1. Click the **PC Card** icon in the taskbar.

2. Click the card that you want remove.

3. Click **Stop**. A screen appears stating that you may safely remove the device.

4. Click **OK**.

5. If the eject button is in the stored position, fold it out and push in to eject the PC Card.

Using the IR port

The IR (infrared) port built into your notebook uses infrared technology to send and receive signals between the notebook and a remote device also equipped with an IR port.

If your notebook shipped with the IR port enabled and if you do not use the IR port and need to make more resources (IRQs) available for other devices, then use the following steps to disable the IR port.

<div style="background:#002b7f;color:#fff;text-align:center;padding:6px;">To disable the IR port</div>

1. Remove any PC Cards from the PC Card slots.

2. Click **Start**, **Settings**, then **Control Panel**. The Control Panel window opens.

3. Double-click the **System** icon. The **System Properties** dialog box opens.

4. Click the **Device Manager** tab.

5. Click **+** next to Infrared. **Built-in Infrared port on laptop or desktop** appears in the list.

6. Double-click **Built-in Infrared port on laptop or desktop**. The **Built-in Infrared port on laptop or desktop Properties** dialog box opens.

7. Click to select the **Disable in this hardware profile** checkbox.

8. Click **OK**.

9. Click **OK** on the **Device Manager** tab.

10. Double-click the **Infrared** icon in the Control Panel window. The **Infrared Monitor** dialog box opens.

11. Click the **Options** tab.

12. Clear the check box beside **Enable infrared communication on:** COM2.

13. Click **OK**.

Using the USB ports

USB is a new type of serial interface that serves as a single-port alternative to connecting devices that traditionally have required their own ports such as mice, joysticks, keyboards, scanners, cameras, and speakers.

To use a USB device, connect it to the USB port. The USB automatically installs and configures the necessary drivers and the system resources.

Using McAfee VirusScan

A *computer virus* is a program that attaches itself to another program on the computer, and spreads from one program to another. If transmitted unnoticed, viruses can damage data, cause computers to crash, or display bothersome or offensive messages. Some viruses can go unnoticed for long periods of time because they are tied to a certain time or date before they become active.

McAfee VirusScan is a program that helps you protect your system from computer viruses. Each time you start your system, McAfee VirusScan scans your hard disk drive for viruses that could be potentially harmful to your system.

If you are using diskettes to transfer information to your system, you can run the McAfee VirusScan software on the diskette to check it before copying files from it to your system.

To scan a diskette

●*Note:*

We recommend that you always scan diskettes that you are introducing to your system.

1. Place the diskette in the diskette drive.

2. Click **Start**, **Programs**, **McAfee VirusScan**, and **VirusScan**.

3. Change the C: drive setting to A: and click **All Files**.

4. Click **Scan Now**.

   VirusScan scans the diskette. If it finds a virus, it alerts you with on-screen instructions for removing it.

Updating McAfee VirusScan

Because new viruses are continually being introduced in the computer world, a message appears approximately every six months reminding you to update your version of McAfee VirusScan.

Updating your version of McAfee VirusScan is important because it keeps your virus protection current.

If you have a modem, an analog phone line, and a subscription to an Internet service provider you can update McAfee VirusScan software. Click the **Update** button and follow the on-screen instructions to complete the update process.

4

Managing Power Use

Using the battery

Your notebook can run on a fully charged battery for approximately 3.5 hours, depending on the type of battery you have and how you use your notebook. Under normal operating conditions, Li-ion batteries have about 600 charge cycles before they require replacement.

Battery life is affected by how much you use the system components such as the hard drive, CD-ROM drive, or LCD display. For example, battery life is increased by using the suspend function rather than a screen saver. Battery life is reduced by playing an audio CD while using a word processor.

Other factors such as the power management settings affect the battery life. See "Maximizing the battery life" on Page 56 for more information about power management.

Charging the battery pack

The battery must be installed in the notebook and connected to an AC power source to charge. You can charge the battery in the following modes:

♦ When you are using your notebook with the AC adapter

♦ When the system is attached to AC power and in standby or suspend mode

♦ When the system is attached to AC power and the system is powered off

You can also purchase an external battery charger or an airplane/automobile adapter from Gateway Add-Ons. The external charger can charge an additional battery while charging a battery in your notebook. The airplane/automobile adapter lets you power your notebook and charge your battery when an AC outlet is not available.

Swapping the battery pack

Battery packs can be "warm-swapped." This means you can change battery packs while in Suspend mode (Windows 95) or Standby mode (Windows 98).

The backup battery that supports warm swapping has a limited power supply (about ten minutes). Make the battery swap quickly to conserve the backup battery power.

<div style="background:#003399;color:white;text-align:center;padding:6px;">

To remove the battery pack

</div>

1. Save all work.

2. If you are using Windows 98 click **Start** on the taskbar, then click **Shut Down**, **Standby**, then **OK**. The system enters standby mode.

   - OR -

   If you are using Windows 95 or Windows NT click **Start** on the taskbar, then **Suspend**. The system enters suspend mode.

   - OR -

   Shut down the system.

3. Close the LCD panel and turn your notebook over.

4. Slide the battery release latch to release the battery pack.

5. Hold the latch back and lift the battery up out of the battery opening.

6. Place the fresh battery pack into the battery bay, pushing downward until it snaps into place.

Monitoring the battery status

There are many ways to track your battery status. Use any one of the following battery indicators to track the battery power level.

Battery Meter icon

This icon appears in the status area of the taskbar. Double-click the **Battery** icon to open the Battery Meter window. The Battery Meter window tells you what the current power source is and the total battery power remaining.

Battery charge LED

This LED is on the system status indicator panel. See "System Status Indicators (LEDs)" on Page 4 for more information about the LED status indicators.

Pop-up status display

This pop-up display provides information about the battery charge and power status.

Press FN+F2 (status key) to display the pop-up menu in the upper left corner of the LCD. The menu displays status information in the following order:

♦ The 1st line shows whether you are using an AC or DC power connection.

♦ The 2nd line shows battery charge status percentage where 100% represents a fully charged battery.

♦ The 3rd line indicates the current power management setting (custom, savings, performance, Disabled).

♦ The 4th line displays the current BIOS used on the system.

♦ The 5th line displays the keyboard controller version.

The menu stays open for about ten seconds.

Built-in battery meter

The battery you received with your notebook has a battery meter built into it. To check the status using the battery meter, remove the battery from the battery pack bay (see "To remove the battery pack" on Page 47) and turn it over.
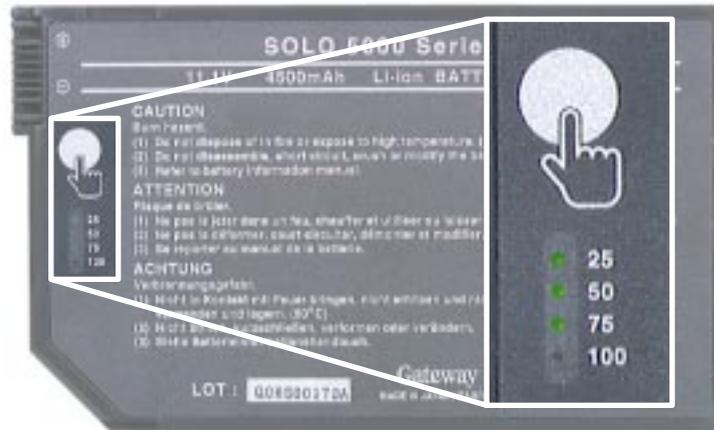
Press in on the circle indicated by the hand icon. The battery meter below the icon lights up to indicate the percentage of battery power available.

Managing power

A battery-powered session for your notebook is affected by many things such as using screen savers rather than the suspend function, or playing music CD-ROMs while using a word processor. If no AC power outlet is available, you want to make the battery-powered session last as long as possible.

Power management is handled differently in Windows 98 than in Windows 95 and Windows NT. The following two sections address these differences. Refer to the section that applies to your operating system.

Windows 98

To modify your power management settings in Windows 98, you do not need to go into the BIOS program unless you want to change the power button setting specifically. Instead, Windows 98 now includes a Power Management Properties dialog box.

To use the Power Management Properties dialog box

1. Click the **Start** button, **Settings**, and **Control Panel**.

2. In the Control Panel window, double-click the **Power Management** icon.

3. Click the appropriate tab to view and modify settings.

Power schemes

A power scheme is a set of properties selected in the Power Schemes window and given a name. For example, the **Portables/Laptop** power scheme changes the settings to maximize battery life in your notebook system.

You can select one of three existing power schemes from the **Power schemes** drop-down list.
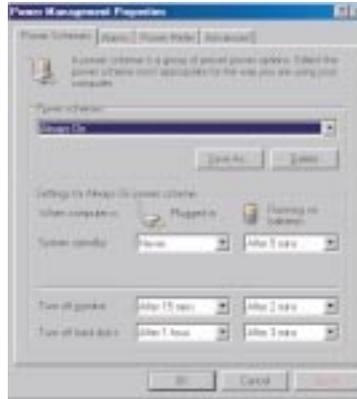
You can also create your own power scheme and add it to the list.

To create a power scheme

1. In the Power Schemes window, set the properties as you want them to be in your power scheme.

2. Click **Save As**.

3. Type a name for your power scheme and click **OK**.

4. Select your power scheme from the **Power scheme** drop-down list.

5. Click **OK** at the bottom of the Power Management Properties window to apply the change.

Alarm settings

Even though several ways to keep tabs on your battery power are available, alarms letting you know that you might be about to lose battery power are useful.

The Alarms window lets you turn off and turn on the alarms, set the point at which your notebook alerts you that your battery is running low, and select the notification method.
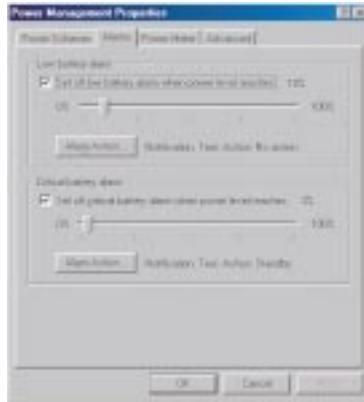
Using Standby mode in Windows 98

Windows 98 uses Standby mode. Standby mode is equivalent to the Suspend mode in Windows 95. When in Standby mode, your notebook enters a sleep state according to the power management settings. Standby mode causes the system to remove power from most devices except memory.

The following table shows how to change the system modes in Windows 98.

If your notebook is...	...and you want to...	Do this...
Off	Start up	Press the power button

If your notebook is...	...and you want to...	Do this...
On	Standby	Click **Start**, **Shut Down**, **Standby,** then click **OK.** - OR - Press FN+F4
In Standby mode	Resume power	Press the power button briefly
On	Shut down	Click **Start**, **Shut Down**, click **Shut Down** again, then click **OK.**

Windows 95 and Windows NT

To modify your power management settings in Windows 95 and Windows NT, you need to go into the BIOS program to change the power management settings. See "Using the Power menu" on Page 61 for more information on these settings and how to modify them.

Using Suspend mode in Windows 95 and Windows NT

Windows 95 and Windows NT use Suspend mode. When in Suspend mode, your notebook enters a sleep state according to the power management settings. Suspend mode causes the system to remove power from most devices except memory.

The following table shows how to change the system modes in Windows 95 and Windows NT.

If your notebook is...	...and you want to...	Do the following
Off	Start up	Press the power button
On	Suspend	Click **Start**, **Suspend** - OR - Press FN+F4
In Suspend mode	Resume power	Press the power button briefly
On	Shut down	Click **Start**, **Shut Down**, **Shut down the computer**, then click **Yes.**

Modifying the power button mode

You can change the power button mode in the BIOS setup program from On/Off to Standby/Resume. See "Power button (switch) settings" on Page 62 for more information about accessing the BIOS Power menu settings to change the power button mode.

Maximizing the battery life

You can extend the battery life by following these practices:

♦   Dim the display brightness as low as is comfortable.

♦   Close the LCD lid when not in use. The LCD display turns off until the lid is opened.

♦   Remove PC Cards when not in use. Some PC Cards use battery power even when they are not in use. Check the PC Card manufacturer's documentation to find out if the card uses power when not in use.

♦   Keep the battery pack in the computer when using AC power to continuously charge the battery.

♦   Minimize using CD-ROM drive. The CD-ROM drive uses considerable battery power.

♦   Adjust the Power management settings most effectively for the way you use your notebook.

See "Managing power" on Page 51 for more information about changing the power management settings in Windows 98.

See "Using the Power menu" on Page 61 for more information about accessing the Power menu settings in the BIOS setup program for Windows 95 and Windows NT.

Using the
BIOS Setup
Program

Introduction

This section contains information about the BIOS setup utility and is intended to serve as a guide so that you can make changes to your system's BIOS when necessary.

The screen example that you see in this chapter is similar to what you see on your LCD. However, you may have a system with a newer BIOS version than the one described in this manual. In that case, some of the examples may differ somewhat from what you see. If there are differences, follow the Item Specific Help box in the right-hand column of the BIOS Setup menu.

Using the BIOS Setup Utility

The BIOS has a built-in setup utility that lets you configure several basic system characteristics. The settings are stored in battery-backed RAM and are retained even when the power is off.

▼ *Caution!*

Setting items in the BIOS utility menus to incorrect values may cause your system to malfunction. Make note of the settings before making changes so you can change the settings back if necessary.

To enter the BIOS Setup utility

1. Restart the system.

2. Press F2 when prompted on screen during the start-up process. The Main menu opens.

```
                    PhoenixBIOS Setup Utility

  Main   Advanced   Security   Power   Boot   Exit

                                                    Item Specific Help

            System Time:            [HH:MM:SS]
            System Date:            [MM/DD/YYYY]
     Floppy Disk Drive A:    [1.44MB/1.25 MB, 3 1/2"]
     Floppy Disk Drive B:            [Disabled]
          Primary Master              (NNN MB)
        Secondary Master              (CD-ROM)
           Memory Cache:               Enabled
         System Memory:                NNN MB
      System Information
               Num lock:                 [Off]
         Display Device:        [Simultaneous]
    Text Mode Expansion:            [Enabled]
 Graphics Mode Expansion:            [Enabled]
         QuickBoot Mode:            [Enabled]
   Boot-time Diag. Screen:          [Disabled]



  F1  Help    ↑↓  Select Item -/+ Change Values   F9  Setup Default
  ESC  Exits   ←→ Select Menu   Enter Select > Sub-Menu  F10  Save and Exit
```

The command bar at the bottom of the screen shows the keystrokes necessary to access help, navigate through the menus, and perform other functions.

- F1 opens the Help screen, providing general help for using the BIOS Setup utility.

- The up arrow and down arrow keys select items in the menu.

- Pressing SHIFT with the + or - key changes values in fields or moves an item up or down in a list.

- F9 opens a screen that lets you return all values to their default settings.

- ESC closes the screen you are in and returns you to the previous screen.

- The left arrow and right arrow keys move you between the five menus.

- ENTER either moves you to a submenu screen when a selected item is preceded by > or activates a selected field.

- F10 opens a screen that lets you accept or disregard changes you made and then exit the BIOS Setup utility.

The main screen has the following menu selections at the top of the screen:

- **Main** gives you access to basic information and settings related to your system hardware and configuration.

- **Advanced** gives you access to information and settings for system resources, hardware, and system configuration.

- **Security** gives you access to settings related to system access passwords.

- **Power** gives you access to information and settings related to power-saving functions available with your system.

- **Boot** gives you the order of bootable devices in the system.

- **Exit** gives you access to options for exiting the BIOS Setup utility.

As you select items on the main menu and in submenus, you will see specific information related to the current selection in the Item Specific Help box. Refer to the help box for information about the menu options.

Using the Power menu

The Power menu is a part of the BIOS Setup Utility that contains the power management settings and system timeouts. These settings are stored and saved even when the power is off. Use the Power menu to make changes to the system to improve the battery-powered session time and performance. The rest of the BIOS Setup Utility screens are discussed in *Maintaining and Troubleshooting Your Solo Notebook.*

The Power menu screen shown may differ somewhat from that shown here because you may have a newer BIOS than described here. The screens will be similar enough to get the information you need. If there are differences, follow the on-screen instructions and help.

To use the Power menu

1. Start up your notebook.

2. Press the F2 key when prompted to do so. The "Entering Setup..." message briefly shows and then the Main menu appears.

3. Use the right arrow key to navigate to the Power menu. Use the keys identified at the bottom of the screen to navigate through the different options. An Item Specific Help bar providing additional information is also located along the right side of each menu.

```
                    PhoenixBIOS Setup Utility
Main  Advanced  Security  Power  Boot  Exit
                                          Item Specific
                                          Help

        Power Switch: [On/Off]            Set the power button
          Lid Switch: [Backlight off]     to On/Off to work
   Low Battery Beep: [Enabled]            normally. Set to
    Cooling Control: [Performance]        Suspend/Resume to
                                          work as a suspend/
  >AC Mode Power Savings [Off]            resume button. Hold
  >DC Mode Power Savings [00:00:00]       button 5 seconds to
                         [Off]            shut off system.
      Resume On Time:
        Resume Time:
 Resume on Modem Ring:




 F1  Help   ↑↓ Select Item -/+ Change Values   F9  Setup Default
 ESC Exits  ←→ Select Menu   Enter Select > Sub-Menu  F10 Save and Exit
```

● *Note:*

The Power menu screen shown may differ somewhat from that shown here. If there are differences, follow the on-screen instructions and helps.

Power button (switch) settings

When the power switch setting in the Power (BIOS Setup) menu is On/Off and your notebook is:

♦   **Off**, press the power button to turn your notebook on.

♦   **On**, press the power button to turn your notebook completely off.

When the power switch setting in the Power menu is Suspend/Resume and your notebook is:

♦   **Off** (or in Suspend mode), press the power button to resume power to your notebook.

♦   **On**, press the power button to cause your notebook to enter Suspend mode.

Press and hold the power button for about five seconds to turn your notebook completely Off.

To change the power button setting

1.   Start up your notebook.

2.   Press the F2 key when prompted to do so. The "Entering Setup..." message briefly shows and then the Main menu appears.

3.   Using the right arrow key, move to the Power menu.

4.   The first available option is Power Switch. If the setting displayed is the one you want, go to Step 6.

5.   Press the SPACEBAR to change the setting.

6.   Press the ESC key to access the Exit menu.

Press ENTER to Save changes and exit, then press ENTER or use the down arrow key to select any other option.

B

Solo Notebook Accessories

Accessories

We offer many accessories that can help you make the most of using your Solo notebook. Check out our web site or call our Add-Ons group to help you find products that will best fit your needs.

Available accessories include memory modules, external keyboards, speakers, carrying cases, printers, tape backup units, hard drives, modems, network cards, software, and uninterruptable power supplies (UPS).

Here are more accessories we offer that make using your Solo more flexible:

♦   The **Docking station** is a full-featured expansion unit designed to meet the needs of mobile users who require the modularity and functionality of a desktop system. The docking station's key features include two dual expansion slots (PCI or ISA), a 3.5" hard drive expansion bay, a 5.25" or 3.25" device expansion bay, two PC Card slots, built-in stereo speakers, and a removable monitor stand.

   Other features are the MIDI/game port and two PS/2 ports that let you attach devices such as an external keyboard, mouse, or joystick to the docking station. Once you connect the peripherals, you can leave them attached.

♦   The **Mini-docking station** enhances the capabilities of your Solo notebook by providing a one-step connection to external devices such as a monitor, keyboard, mouse, printer, serial device, joystick, external power, speakers, and microphone. The docking station also provides additional PC Card slots for expanded functionality when using network cards, SCSI adapters, and modems.

♦   Add an **Extra battery** for when you're on the road and have no place to plug in your portable. An additional Li-Ion battery will keep you working.

♦   The **Battery charger** can be used to charge the Li-Ion battery for the Solo 5150. It takes approximately two to three hours to charge a fully discharged battery. The battery charger has two LEDs to indicate battery charge status.

♦ The **Automobile/Airplane adapter** provides a safe and easy way to plug any Solo notebook into the industry standard EmPower in-seat power receptacles now available on major airlines, or into any available cigarette lighter in a car, boat, or RV.

In addition to providing a safe external power source, the advanced, lightweight design also allows you to conveniently recharge your notebook's batteries during travel.

Contacting
Gateway

Contacting Gateway

If you have any trouble while using your Gateway Solo Multimedia Notebook, please contact Gateway. You will need to supply your Client ID, serial number, and order number to the customer support technicians. Make a note of these numbers here.

If your computer is ever stolen, be sure to contact your local police and a Gateway representative at once. We can put a note on the account so that if anyone calls trying to use your notebook serial number, we can contact you immediately.

Client ID: _____

Serial Number: _____

Order Number: _____

Calling Gateway

Gateway offers a wide range of customer service, technical support and information services. If you have questions or problems, contact the Gateway service that is most appropriate:

For assistance or information about:	Contact:	At:
Systems, pricing, orders, billing statements, warranty service and other non-technical issues.	**Sales & customer support** If outside the US, check your warranty booklet for numbers	800-846-2000
Problems with hardware or software.	**Portables technical support**: US - toll free Canada - toll free	800-846-2302 800-846-3609
The Gateway Web site which contains a variety of information about Gateway. (Modem required.)	**World Wide Web:** US and Canada	http://www.gateway.com

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The Federal Communications Commission warns the users that changes or modifications to the unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Canadian Users:

Regulatory Compliance Statements

This device has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio or television reception. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause interference to radio and television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

♦ Reorient or relocate the receiving antenna

♦ Increase the separation between the equipment and receiver

♦ Connect the equipment into an outlet on a circuit different from that to which the receiver is connected

♦ Consult the dealer or an experienced radio/TV technician for help.

Accessories: This equipment has been tested and found to comply with the limits of a Class B digital device. The accessory associated with this equipment is the shielded power cord.

This accessory is required to be used in order to ensure compliance with FCC rules.

This digital apparatus does not exceed the Class B limits for radio noise emissions from digital apparatus as set out in the radio interference regulations of Industry Canada.

Le présent appareil numérique n'émet pas de bruits radioélectriques dépassant les limites applicables aux appareils numériques de Classe B prescrites dans le règlement sur le brouillage radioélectrique édicté par Industrie Canada

Attention!

Couper le courant avant l'entretien.

This Information Technology Equipment has been tested and found to comply with the following European directives:

[i]EMC Directive 89/336/EEC amending directive 92/31/EEC & 93/68/EEC as per

- EN 50081-1:1992 according to
  EN 55022:1995 Class B
  EN 61000-3-2:1995 or EN 60555-2:1986
  EN 61000-3-3: 1995

- EN50082-1:1992 according to
  EN 61000-4-2:1995 or IEC 801-2:1984
  ENV 50140:1994   or IEC 801-3:1984
  EN 61000-4-4:1988 or IEC 801-4:1998

[ii]Low Voltage Directive (Safety) 73/23/EEC as per EN 60950: 1992

This equipment is in the Class 2 category (Information Technology Equipment to be used in a residential area or an adjacent area thereto) and conforms to the standards set by the Voluntary Control Council for Interference by Information Technology Equipment aimed at preventing radio interference in such residential area.

When used near a radio or TV receiver, it may become the cause of radio interference. Read instructions for correct handling.

This device has been tested and found to comply with the limits for a Class B digital device, pursuant to the Australian/New Zealand standard AS/NZS 3548 set out by the Spectrum Management Agency.

Caution!

Disconnect power before servicing.

European Users:

Japanese Users:

Australian and New Zealand Users:

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Notices